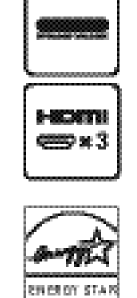


42"/46"

1080p HDTV LCD
TV HD 1080p de LCD







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ENERGY STAR

DP42861 / DP46861

Model No. / No. de Modelo

Part No. / No. de parte: 1JC8P1P0408–

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN!	THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT. 
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THIS UNIT.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

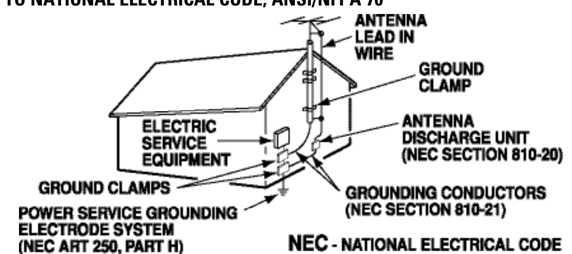
IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit fully into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. If an outside antenna is connected to the television equipment, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. In the U.S. Selection 810-21 of the National Electrical Code provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrodes.
16. An outside antenna system should not be located in the vicinity of overhead power lines or other electrical light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

EXAMPLE OF ANTENNA GROUNDING ACCORDING TO NATIONAL ELECTRICAL CODE, ANSI/NFPA 70



"Note to CATV system installer:
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical."

17. Wall or Ceiling Mounting—The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
18. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
19. When the MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.

FCC INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- **Reorient or relocate the receiving antenna.**
- **Increase the separation between the equipment and receiver.**
- **Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.**
- **Consult the dealer or an experienced radio/TV technician for help.**

CAUTION: FCC Regulations state that improper modifications or unauthorized changes to this unit may void the user's authority to operate the unit.

TRADEMARKS



Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.



As an Energy Star® Partner, Sanyo Manufacturing Corporation has determined that this product meets the Energy Star® guidelines for energy efficiency.



Manufactured under license from Audyssey Laboratories. U.S. and foreign patents pending. Audyssey Dynamic Volume® is a registered trademark of Audyssey Laboratories.



Adobe®, Adobe Flash®, and Flash Lite® are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.

PC RESOLUTION CHART

RESOLUTION	ASPECT RATIO	REFRESH RATE	HORIZONTAL FREQUENCY	VERTICAL FREQUENCY
640 x 480	4 : 3	60 Hz	31.47 kHz	59.94 Hz
		72 Hz	37.86 kHz	72.81 Hz
		75 Hz	37.50 kHz	75.00 Hz
		85 Hz	43.27 kHz	85.01 Hz
720 x 400	16 : 10	70 Hz	31.47 kHz	70.00 Hz
800 x 600	4 : 3	56 Hz	35.16 kHz	56.25 Hz
		60 Hz	37.88 kHz	60.32 Hz
		72 Hz	48.08 kHz	72.19 Hz
		75 Hz	46.88 kHz	75.00 Hz
		85 Hz	53.67 kHz	85.06 Hz
1024 x 768	4 : 3	60 Hz	48.36 kHz	60.00 Hz
		70 Hz	56.48 kHz	70.07 Hz
		75 Hz	60.02 kHz	75.02 Hz
		85 Hz	68.68 kHz	85.00 Hz
1152 x 864	4 : 3	75 Hz	67.50 kHz	75.00 Hz
1280 x 768	5 : 3	60 Hz	47.40 kHz	60.00 Hz
		60 Hz	47.78 kHz	59.87 Hz
		75 Hz	60.29 kHz	74.89 Hz
		85 Hz	68.63 kHz	84.84 Hz
1280 x 960	4 : 3	60 Hz	60.00 kHz	60.00 Hz
		85 Hz	85.94 kHz	85.00 Hz
1280 x 1024	5 : 4	60 Hz	63.98 kHz	60.02 Hz
		75 Hz	79.98 kHz	75.02 Hz
		85 Hz	91.15 kHz	85.02 Hz
1360 x 768	16 : 9	60 Hz	47.71 kHz	60.00 Hz
1440 x 900	16 : 10	60 Hz	55.93 kHz	59.89 Hz
		60 Hz	55.47 kHz	59.90 Hz
1920 x 1080	16 : 9	60 Hz	67.50 kHz	60.00 Hz

This Class B digital apparatus complies with Canadian ICES-003.

SPECIFICATIONS

Power Requirement: Source: AC 120V, 60Hz

AC Power Consumption:		**Weight:**
DP42861	132 watts	33 lbs.
DP46861	150 watts	41 lbs.

Dimensions:

MODEL	WIDTH	HEIGHT	DEPTH
DP42861	40.0	26.4	9.2
w/o stand		24.4	4.0
DP46861	43.9	29.4	10.6
w/o stand		26.6	4.6

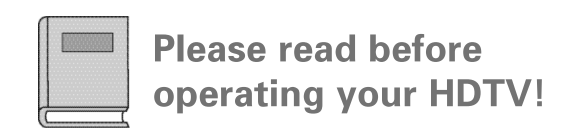
NOTE: Dimensions are in inches

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RECYCLING OF SANYO TELEVISIONS:
SANYO television customers should contact MRM Recycling at 888-769-0149 or visit their website at www.mrmrecycling.com regarding SANYO's waste management plan.



PROTECTING THE LCD SCREEN

CAUTION: The screen can be damaged if it is not maintained properly.

- Do not use hard objects such as hard cloth or paper to clean the screen.
- Do not use excessive pressure when cleaning the screen; excessive pressure can cause permanent discoloration or dark spots.
- **NEVER** spray liquids on the screen.
- The use of a damp microfiber cloth is recommended.



HANDLING PRECAUTIONS

- Handle by the cabinet only.
- Handling by two or more people is recommended.
- Never touch the screen when handling.
- Handling damage is **not** covered under warranty.
- Do not remove the protective film covering the front cabinet while handling the HDTV.

POSITIONING THE HDTV

- Always use a firm and flat surface when positioning your HDTV.
- Do not position the unit in a confined area.
- Allow adequate space for proper ventilation.
- Do not position the HDTV where it is easily reachable by small children and may present risk of injury.
- Once HDTV is positioned, remove the protective film covering the front cabinet.

  NOTE: Button area on bottom right hand corner will be more accessible once film is removed.

"The American Academy of Pediatrics discourages television viewing for children younger than two years of age"



CONTAINS MERCURY LAMPS, DISPOSE OF PROPERLY



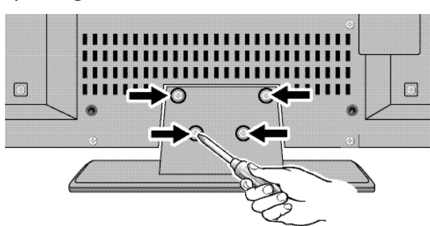
STAND ASSEMBLY

NOTE: Skip these steps if you are wall mounting the TV.

1 Place HDTV face down on a padded or cushioned flat surface to protect the screen and finish.

2 Carefully insert the stand base to the bottom of the HDTV and secure the base by inserting 4 screws as indicated in the diagram below.

NOTE: Stand base screws are located in the literature package.



3 Position the HDTV on a firm and flat surface with adequate space for proper ventilation.

WALL MOUNTING (OPTIONAL)



Wall mounting of the HDTV must be performed by a skilled person.

If stand base disassembly is required:

1 Place HDTV face down on a padded or cushioned flat surface to protect the screen and finish.

2 Remove the four (4) screws securing the foot stand. **CAUTION:** Hold the stand firmly as you remove the last screw.

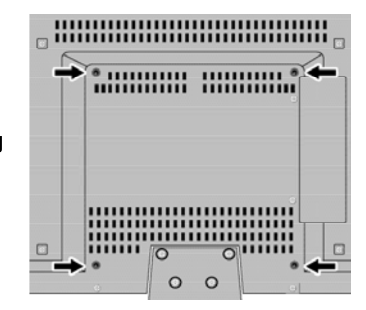
Use the screws you would use to attach the stand base to secure the HDTV to a wall mounting kit.

NOTE: Wall mounting kit is not included.

VESA standard interface: 400 x 400

Mounting screws measurements:
M6 (6mm) Diameter, Length—12mm (maximum)

Wall Mounting Inserts



GETTING STARTED

1 BATTERY INSTALLATION

Install two (2) "AAA" batteries in the remote control. (Not included)



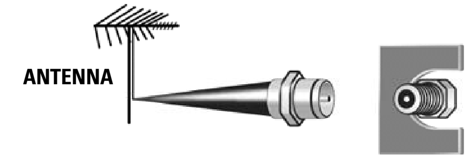
To ensure safe operation, please observe the following precautions:

- Replace both batteries at the same time. Do not use a new battery with a used battery.
- There's a risk of explosion if a battery is replaced by an incorrect type.
- Do not expose the Remote Control unit to moisture or heat.
- Be sure to match the **"+"** and **"–"** signs on the batteries with marks inside the remote control.

2 ANTENNA CONNECTION FOR OFF-AIR SIGNALS OR CABLE

Hook up your antenna or your cable service to the HDTV's **ANT** terminal with the use of a 75 OHM coaxial cable.

NOTE: Keep your indoor antenna at least 3 ft. away from the television set and any other electronic equipment.



ANALOG / DIGITAL ANTENNA IN

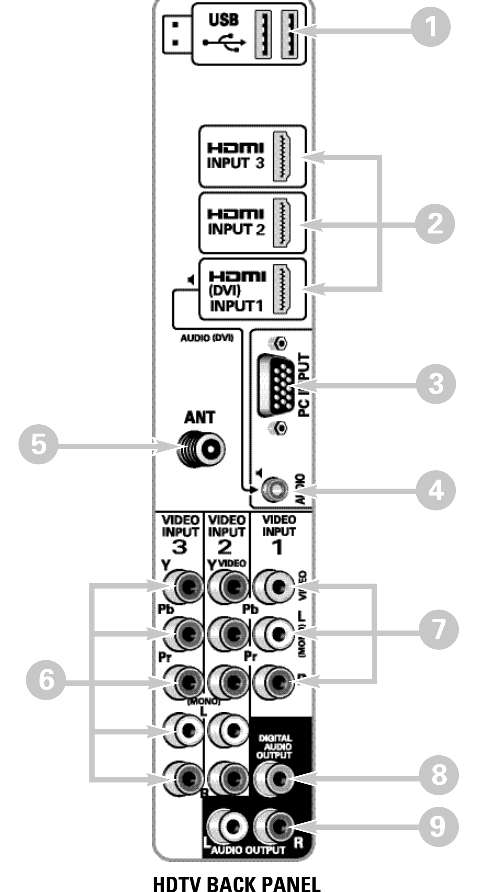




The tuner in this HDTV can receive:

- Digital and Analog off air signals from an antenna
- Analog or ClearQAM cable channels from a direct Cable TV connection.

HDTV INPUT/OUTPUT REFERENCE



HDTV BACK PANEL

1 **USB Input**
View pictures stored in a USB flash drive or connect to the internet with the USB Wireless dongle.

NOTE: Please refer to the Internet Ready HDTV Guide for the proper connection methods.

2 **HDMI (INPUT1, INPUT2, & INPUT3)**
An all digital Audio/Video interface that can accept uncompressed video signals up to 1080p for the very best picture possible with the use of a single HDMI cable.

NOTE: A DVI connection is possible via the HDMI (DVI) INPUT1 using an appropriate adapter and connecting the audio to the stereo mini AUDIO jack.

3 **PC Input**
Monitor RGB (D-SUB)

4 **AUDIO mini stereo jack (3.5mm)**
For AUDIO signal from PC or DVI device.

5 **Analog / Digital Antenna Input**

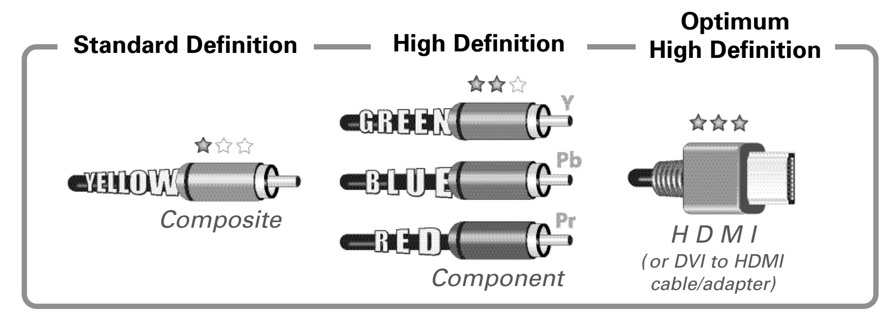
6 **Component AV Input (VIDEO2 or VIDEO3)**
Green (Y), blue (Pb), and red (Pr) Video inputs plus the white and red Audio inputs.

NOTE: A composite connection is possible via VIDEO INPUT2 using the Y (VIDEO) jack and the L/R audio jacks. (See Video2 Setting on page 10.)

7 **Composite AV Input (VIDEO1)**
Yellow (Video), plus white and red (Audio) input jacks.

8 **Digital Audio Output (Coaxial)**

9 **Analog Stereo Audio Out (L/R) Jacks**



NOTE: Composite, Component, and DVI video connections need their appropriate audio connections. High Definition image available from HD signals and HD equipment.

3 AUDIO / VIDEO CONNECTIONS

NOTE: Audio/Video cables are not supplied

USB input jack is used to connect a USB mass storage device (not included) to display digital images on your HDTV, or hookup a USB Wireless dongle (included) to connect your HDTV to your local area network (LAN).

USB FLASH DRIVE OR DONGLE

NOTE: An active internet connection and wireless modem is needed to connect your HDTV using the USB dongle.

HDMI (DVI) INPUT1 can be used to hookup a DVI device with the use of an appropriate DVI to HDMI cable or adapter. (AUDIO DVI jack needs to be hooked up to the DVI device as well.)

NOTE: HDMI INPUT1 may also be used to hookup any digital device with an HDMI output, without the use of the AUDIO (DVI) jack.

SATELLITE RECEIVER (or similar device)

HDMI INPUT1, 2 & 3 are used to hookup HD digital devices such as a Blu-ray player, HD Cable Box, HD Satellite Receiver or Video-game System.

Connect your digital device's HDMI output to any of the three (3) HDMI inputs on your HDTV with the use of an HDMI cable.

Composite connections are used to hookup analog equipment such as a VCR or an older DVD player.

NOTE: Always match the color of your device's output jack, the connector, and the HDTV's input jack.

Digital Audio Output is used to hookup a multichannel receiver with the use of a phono-type digital audio cable.

MULTICHANNEL RECEIVER

Component connections will accept SDTV, EDTV and HDTV video signals. Use them for great image quality from digital devices.

NOTE: Always match the color of your device's output jack, the connector and the HDTV's input jack.

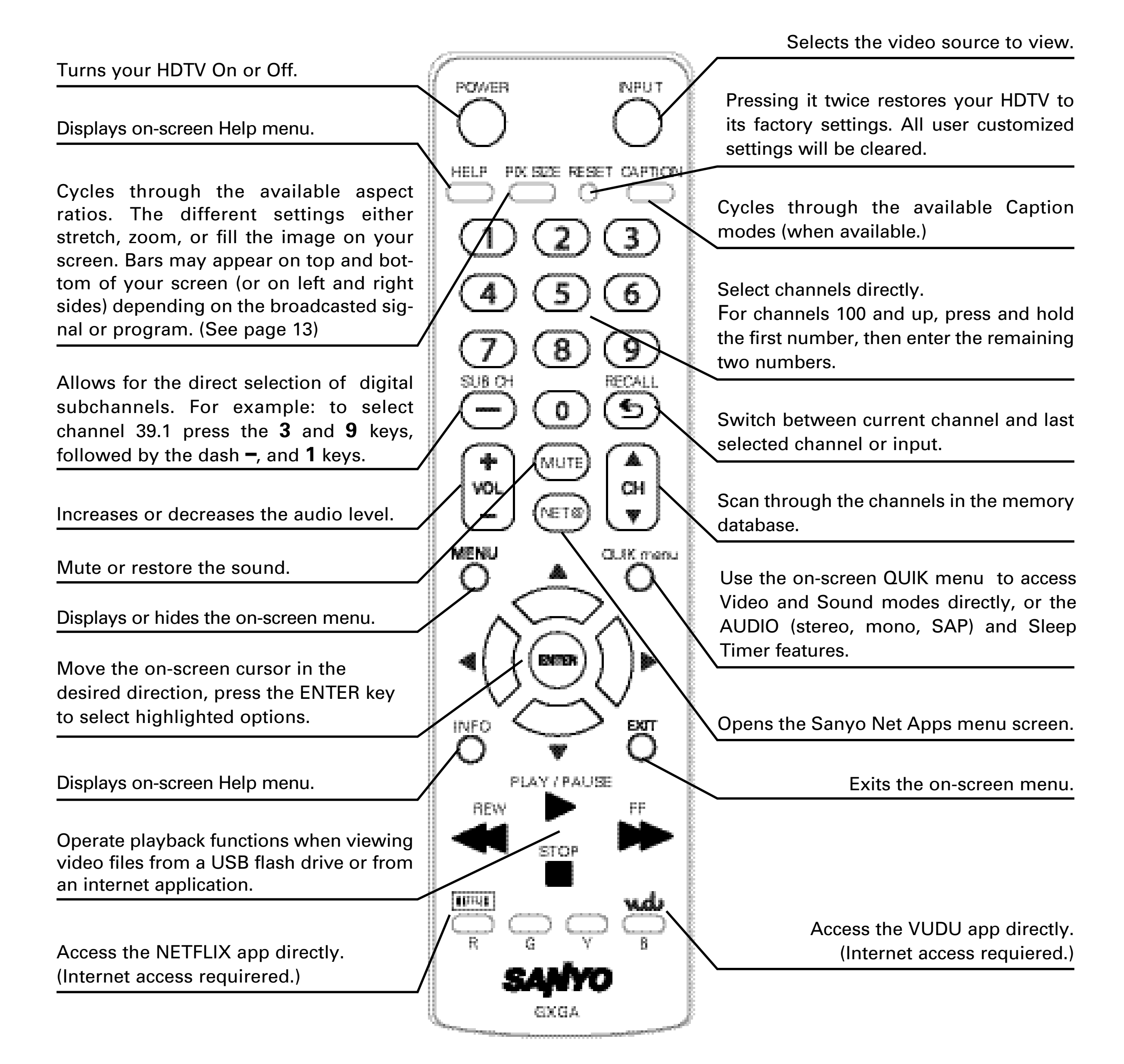
STEREO AMPLIFIER

WARNING

Wireless USB adapter is not a toy. Do not separate adapter from extension case. Small parts can be a choking hazard to children if swallowed.

Audio Output L/R jacks are used to hookup an external stereo Amplifier. (Do not connect external speakers directly to the HDTV.)

REMOTE CONTROL OPERATION





4 INITIAL CHANNEL SEARCH



Before proceeding, please make sure to hook up your antenna or cable connection and all AV equipment correctly to your HDTV.

1. PLUG IN AC POWER CORD
120V AC, 60Hz

2. TURN ON TV (PRESS POWER BUTTON)
Wait for on-screen instructions to set an Initial Energy Saving Mode, and perform an Initial Channel/Signal Search.

3. TV SET LOCATION SELECTION:
Select "Home Mode" to set the HDTV's backlight to an Energy Star qualified level, or select "Store Mode"to set the backlight to a retail display level.

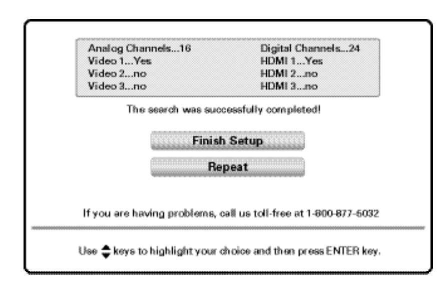
Press **ENTER** on the desired option to continue.

4. CHANNEL AND AV SIGNAL SEARCH:
Select the *Signal Search* option and press **ENTER** to perform a channel search from an Antenna or a direct Cable connection, and a signal search from devices hooked up to the HDTV's AV input jacks.

5. CHANNEL AND SIGNAL SETUP SCREEN
The final setup screen displays analog and digital channels found as well as AV inputs detected.

Select *Finish Setup* and press **ENTER** to go to one of your HDTV's inputs.

NOTE: If you wish to repeat the Signal Search process select Repeat.



5 AV INPUT SELECTION

Press the **INPUT** key to select the correct AV input for the video source you wish to watch.

NOTE: Unused AV inputs may be disabled with the Input Skip Setting feature (see page 10).

ON-SCREEN MENU OPERATION

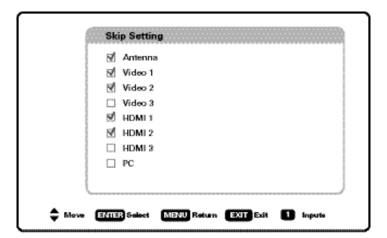
INPUTS

Display the On Screen menu and use the **CURSOR ▲▼** keys to select *Inputs.* Press **ENTER**.

Inputs allows the direct selection of any AV input and the removal of unused inputs from the AV input loop.

Use the **CURSOR ▲▼** keys to select the desired AV input and press **ENTER**.

To manage the available inputs press the **1** key to enter the *Skip Setting* screen. Use the **CURSOR ▲▼** keys to select an AV input and press **ENTER** to disable (uncheck) or enable (check) the highlighted input.



SETUP

Display the On Screen menu and use the **CURSOR ▲▼** keys to select *Setup.* Press **ENTER.**

Menu Language

Choose between English, Spanish and French for your On Screen menu's display language.

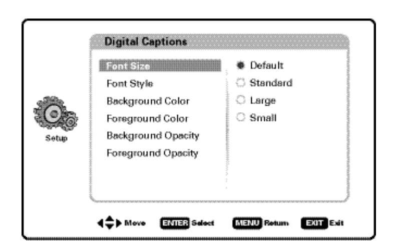
Press **ENTER** on the desired language.

Digital Caption

Captioning is textual information transmitted along with the picture and sound. Turning Captioning ON (by pressing the **CAPTION** key during normal TV viewing) causes the HDTV to open these captions (digital or analog) and superimpose them on the screen.

NOTE: Local broadcasters decide which caption signals to transmit.

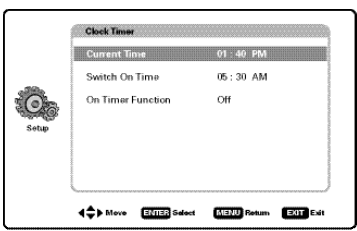
Use the **CURSOR ▲▼** and **◀ ▶** keys to modify *Font, Background,* and *Foreground* of digital caption text.



Clock timer

This feature allows you to set a *Current Time* for your HDTV and enable a *Switch On Time* for the HDTV to turn on at a specific time of day.

When *On Timer Function* is set to *ON*, the TV will automatically turn on at the previously set *Switch on Time*.

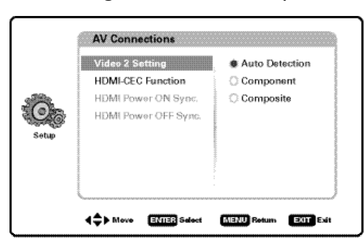


AV Connections

Video 2 Setting - Use this feature to establish either a Component or Composite connection to the VIDEO INPUT 2 jacks on your HDTV.

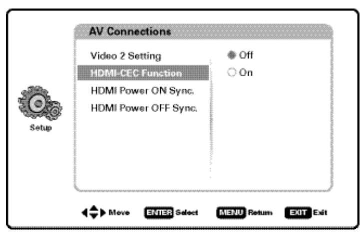
Use the **CURSOR ▲▼** keys to select the type of connection you'll use in VIDEO INPUT 2.

Press **ENTER**, a blue mark will appear next to the selected option indicating it is the active option.



HDMI CEC - Use the *HDMI-CEC Function* to enable or disable all available CEC functions.

HDMI *Power ON Sync* and *Power OFF Sync* enable specific features including the automatic power ON process and power OFF process.



No Signal Shut-Off

When *No Signal Shut-off* feature is set to *ON*, it will allow the HDTV to automatically turn off when no video and/or audio signals are being received.

NOTES: By factory default, this feature is set to ON. TV will automatically turn off if no AV signals are received in a time span of 15 minutes.

Use the **CURSOR ▲▼** keys to select *On* or *OFF* and press **ENTER**.

Mode (Home/Store)

Use the *Mode (Home/Store)* option if you would like to change the initial Energy Saving Mode chosen at HDTV's first power on.

Home Mode - Configured for saving energy and power consumption reduction.

Store Mode - Configured for high brightness and contrast for display at retailer store.

NOTE: Only Home Mode qualifies for Energy Star.

Press **ENTER** on the desired mode.

Network

Use the *Network* option to configure your HDTV's setup to your Local Area Network (LAN) and enjoy internet based content directly on your TV.

A subscription to an Internet Service Provider and a Sanyo USB Wireless Dongle is needed.

Please refer to the Internet Ready HDTV Guide for more information.

V-Chip (parental control)

Use this feature to automatically block programs with content you deem inappropriate for viewing by children.

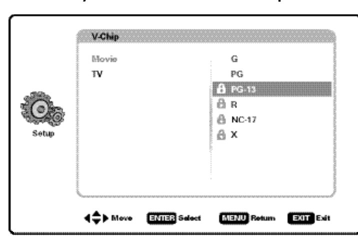
NOTE: This feature is designed to comply with the United States of America's FCC V-Chip regulations. Therefore, it may not function with broadcasts that originate in other countries.

ADJUSTING THE V-CHIP RATINGS

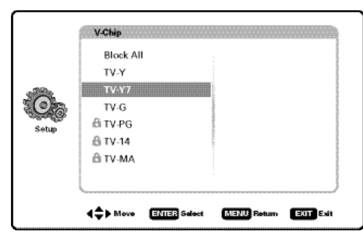
Select *ON* and press **ENTER**. Select *Adjust (Standard)* and press **ENTER**.

NOTE: Blocking a rating will automatically block all higher ratings. Unblocking a rating will automatically unblock all lower ratings.

For V-Chip (Movie) ratings select *Movie* and press **ENTER**, and then select the desired MPAA rating limit. Press the **EXIT** key to close the V-Chip menu.



For V-Chip (TV) ratings select *TV* and press **ENTER**. Use the **CURSOR ▲ ▼** keys to select a rating and press **ENTER.** Use the **CURSOR ▲ ▼** keys to set the rating's status as *Blocked* or *Viewable.* Once ratings are set, press the **EXIT** key to close the V-Chip menu.



NOTE: Some TV ratings offer more detailed settings such as Dialogue, Language, Sexual, and Violence.

ADVANCED V-CHIP SYSTEM (RRT5)

RRT5 (V-Chip Regional Ratings 5) is an advanced V-Chip ratings system for over the air digital channels. When the HDTV detects compatible RRT5 data, it's downloaded & stored in memory, and the Setup V-Chip screen is then modified to show the *Adjust (Advanced)* option.

Use the **CURSOR ▲ ▼** and **◀ ▶** keys to highlight the different options, and use the **ENTER** key to block or unblock the selected rating.

NOTE: When vertical scroll bars appear, press ***CURSOR ▲▼*** *to gain access to the additional ratings.*

MORE INFORMATION

Additional information about MPAA (Motion Picture Association of America) and V-Chip rating can be found at: www.mpaa.org and www.v-chip.org, respectively.

ON-SCREEN MENU OPERATION

CHANNEL

Display the On Screen menu and use the **CURSOR ▲▼** keys to select *Channel.* Press **ENTER**.

Channel Search

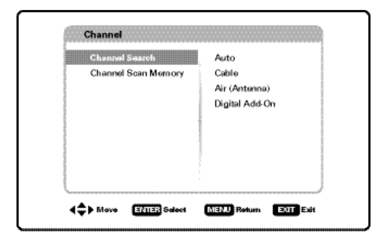
Auto – Search the detected mode, Cable or Air.

Cable – Search for analog and unscrambled (ClearQAM) digital cable channels.

Air (Antenna) – Search for analog and digital off-air channels.

Digital Add-On – Search for digital channels adding newly found digital channels to the channel map database.

NOTE: Digital Add-On option is not available when the current mode is Cable.



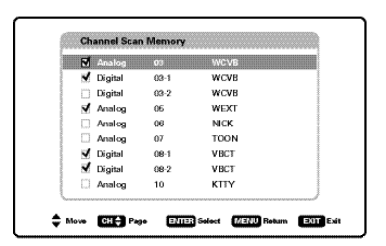
Channel Scan Memory

Channel Scan Memory lists all Analog and Digital channels found. It also lists Analog channels that were not found, which can be added.

Use the **CURSOR ▲▼** keys to move the channel select bar through all enabled and disabled channels.

NOTE: You may use the ***CH ▲▼*** *keys to change page.*

Press **ENTER** to enable or disable the selected channel.



NOTE: For information on local digital channels, visit www.antennaweb.org

PICTURE

Display the On Screen menu and use the **CURSOR ▲▼** keys to select *Picture.* Press **ENTER**.

You may choose a *Picture Mode* between *Standard, Vivid, Theater*, and *Stadium* which have predetermined picture parameter values, or choose the *Custom* option for personalized picture settings.

NOTE: Each AV input can have its own picture mode (predetermined or custom.)

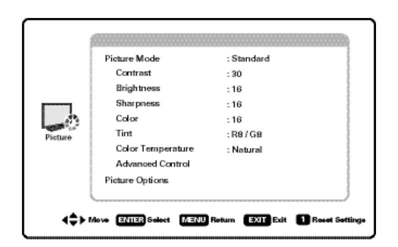
MANUAL (CUSTOM) PICTURE SETTINGS

Custom parameters to adjust include:

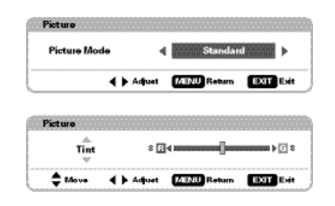
- *Color*
- *Tint*
- *Contrast*
- *Brightness*
- *Sharpness*
- *Color Temperature*

The *Advanced Control* option allows for the adjustment of additional parameters such as:

- *Signal Balancer*
- *Noise Reduction*
- *White Balance*
- *Dynamic Contrast*



CUSTOMIZING PICTURE SETTINGS



Use the **CURSOR ▲▼** keys to highlight the picture parameter you wish to adjust. Press the **ENTER** key to enter the value adjustment screen. Modify the selected parameter's value by pressing the **CURSOR ◀ ▶** keys.

NOTE: **CURSOR ▲▼** *keys select the next/previous parameter without returning to the previous menu screen.*

Once adjustments are complete, press the **EXIT** key to return to normal TV viewing.

ADDITIONAL PICTURE OPTIONS:

Select *Picture Options* to access power consumption reduction features such as *ECO* and *Light Sensor*, as well as horizontal and vertical stretch parameters.

ECO (ENERGY SAVER)

ECO settings control the LCD backlight brightness to reduce power consumption.

- Level 1: Energy Saver feature is off.
- Level 2: Lower power consumption.
- Level 3: Lowest power consumption.

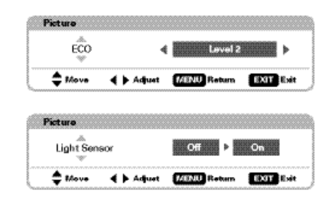
Press **ENTER** on the desired level.

NOTE: ECO key on remote may also be used as a short-cut to modify the Energy Saver settings.

LIGHT SENSOR

This feature detects ambient room light brightness and uses that reading to control the panel brightness level and picture parameters to reduce the HDTV's power consumption.

NOTE: When room lighting is dark, the panel brightness and/or the picture setting parameters such as brightness and contrast are lowered. When room lighting is bright, parameters are affected opposite.



H-SIZE & V-SIZE

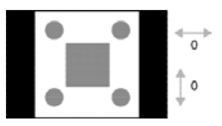
H-Size function adjusts the screen's horizontal dimensions, while the V-Size function adjust's the screen's vertical dimensions.

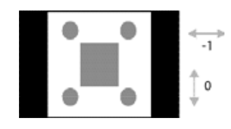
Once adjustments are complete, press the **EXIT** key to return to normal TV viewing.

UNDERSTANDING PIX-SHAPE

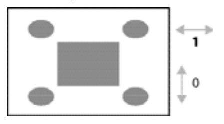
NOTE: Images on left are for a 4:3 transmission while images on right are for a 16:9 transmission.

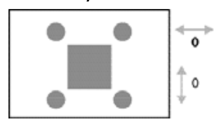
Pix1 Shows a standard definition 4:3 image in its original format, a 16:9 wide image is slightly compressed horizontally.



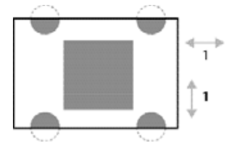


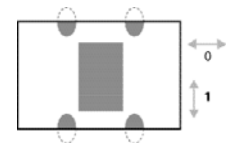
Pix2 Fills the entire image on the screen. A 4:3 image is slightly stretched horizontally.



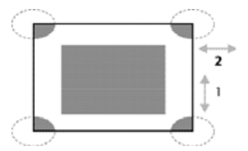


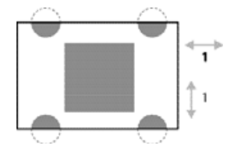
Pix3 Image is stretched vertically in comparison with Pix2.





Pix4 Image is stretched horizontally in comparison with Pix3.





Pix5 Similar to Pix2, image is enlarged horizontally but in a linear proportion in which center portion of screen is stretched less than the sides.

Pix6 Similar to Pix1 with no Overscan*.

Pix7 Similar to Pix2 with no Overscan*.

* Overscan permits the image to slightly exceed bottom and top edge limitations.

NOTE: Pix6 and Pix7 are not optimal for Standard Definition content (a thin white line may appear near edge of screen). Pix6 and Pix7 use is recommended only for PC signal through HDMI.

Pix-Auto **(AFD) Active Format Description**.

Datacarried in the video stream includes coded picture frame information of the actual image, allowing the TV to adjust the Pix-Shape automatically.

NOTE: AFD Pix-Shape mode is available only for Digital-RF input.

ON-SCREEN MENU OPERATION

SOUND

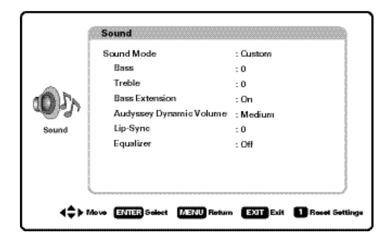
Display the On Screen menu and use the **CURSOR ▲▼** keys to select *Sound.* Press **ENTER**.

You may choose a *Sound Mode* between *Standard, Vivid, Theater*, and *Clear Voice* which have predetermined audio parameter values, or choose the *Custom* option for personalized picture settings.

MANUAL (CUSTOM) SOUND SETTINGS

The *Custom* option provides different parameters that can be personally adjusted:

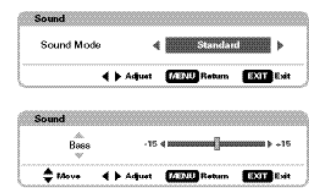
- *Bass & Treble*
- *Bass Extension*
- *Audyssey Dynamic Volume* [1]
- *Equalizer*
- *Lyp-Sync* (Adjust the audio delay.)



CUSTOMIZING SOUND SETTINGS

Use the **CURSOR ▲▼** keys to highlight the sound parameter you wish to adjust. Press the **ENTER** key to enter the value adjustment screen. Modify the selected parameter's value by pressing the **CURSOR ◀ ▶** keys.

NOTE: **CURSOR ▲▼** *keys select the next/previous parameter without returning to the previous menu screen.*



Once adjustments are complete, press the **EXIT** key to return to normal TV viewing.

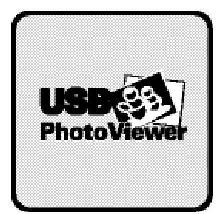


[1] Audyssey Dynamic Volume solves the problem of large variations in volume level between television programs, commercials, and between the soft and loud passages of movies. Audyssey Dynamic EQ is integrated into Dynamic Volume so that as the playback volume is adjusted automatically, the perceived bass response, tonal balance, surround impression and dialog clarity remain the same.




MEDIA APPS

Enjoy viewing pictures and video files on your HDTV with the use of a USB mass storage device hooked up to the HDTV's USB input.





ACCESSING THE MEDIA APPS

Display the On Screen menu and use the **CURSOR ▲▼** keys to select *Media Apps.* Press **ENTER**.

NOTE: *When a USB flash drive is connected to the HDTV, the Photo option is automatically selected.*

USING THE PHOTO VIEWER FEATURE

Select the *Photo* option and press **ENTER**.

Use the **CURSOR ▲▼◀ ▶** keys to select an available picture on the thumbnail screen.

NOTE: *If pictures are in a specific folder, select folder and press **ENTER** to view thumbnail previews.*

Press **ENTER** on a thumbnail photo to show the image on the entire screen (Full view mode).

Once in *Full View* mode:

Use the **CURSOR ◀ ▶** keys to change picture.

Press **ENTER** to show the full view options menu.

- *Rotate*
- *Zoom In*
- *Zoom Out*
- *Pan*
- *Start Slideshow*
- *Browse Photo*

STARTING A SLIDE SHOW

The slideshow displays one picture after another automatically in a timed and sequential manner.

Pressing the **1** key will trigger the slideshow starting from the highlighted thumbnail picture.

NOTE: *You can use the Slideshow Setup option (by pressing the **3** key) to enable or disable the Shuffle and Quick Change features.*

USB JPEG VIEWER MENU

Press **MENU** when in Full View or Slideshow mode to display the USB On screen menu.

Select a *Picture Mode* or configure *Picture Adjustments* such as *Color, Tint, Contrast, Brightness, Sharpness, Dynamic Contrast, and Color Temperature.*

NOTE: *Picture Settings are separate configurations from the settings in TV and AV inputs.*

USING THE MOVIE VIEWER FEATURE

Select the *Movie* option and press **ENTER**.

Use the **CURSOR ▲▼◀ ▶** keys to select an available movie file from the thumbnail screen.

NOTE: *If videos are in a specific folder, select folder and press **ENTER** to view thumbnail previews.*

Press **ENTER** on a thumbnail file to start video playback.

MOVIE PLAYBACK CONTROLS

Once movie file has been selected and playback started, use the **ENTER** key to pause playback at any time, pressing **ENTER** again will resume playback.

To fast-forward movie playback press the **CURSOR ▶** key, to fast-rewind press the **CURSOR ◀** key.

Use the **RECALL** key to stop playback and return to the thumbnail screen.

NOTE: *Finishing playback of a video file will also return you to the thumbnail screen.*

NET APPS

Enjoy Internet based content directly on your HDTV through the use of an internet connection.

Access on-screen links to get the latest weather, news, information, sports, stock updates, and content services apps like VUDU movies and NETFLIX.

Please refer to the Internet Ready HDTV Guide for more information.

PC INPUT

Use your HDTV as a computer monitor by hooking up your PC or Laptop to the TV with the use of an appropriate monitor cable (not included.)



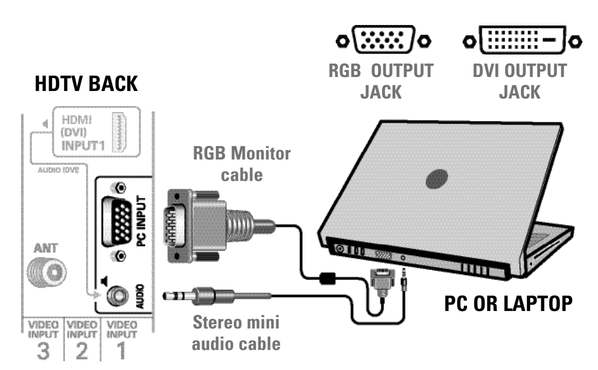
Before connecting any cables, disconnect the AC power cords of both the HDTV and PC from the AC outlets.



Power on the HDTV and any other peripheral equipment before powering on the computer.

To avoid an "Out of Range" condition please set your PC's output resolution to one compatible with your HDTV. See PC Resolution chart on page 3.

NOTE: If computer has only DVI Output, a DVI to RGB adapter will be required, or, a DVI to HDMI cable and RCA audio cables (see HDMI (DVI) INPUT1 on page 7.)



NOTE: Sanyo recommends using a monitor cable that includes a Ferrite Core.

Laptop Display

When using your Sanyo HDTV to display a Laptop's screen display, holding down the Fn (or FN) key while pressing the appropriate function key (F5, F7, F8, etc) should cycle through different display modes between the laptop and the HDTV.

Modes may include displaying only on the laptop screen, on both the laptop and the HDTV, or displaying only on the HDTV.

Hold down  and press 

NOTE: Fn key and function key symbols on the laptop's keyboard may vary from one brand to another.

PC Setting

Auto Adjustment – Automatically adjusts display position, dot clock and phase.

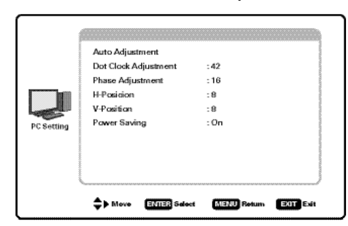
Dot Clock – Adjust the Dot frequency to match your computer's Dot frequency.

Phase – Adjust this parameter when the picture appears to flicker or is blurred.

H-Position – Move the image horizontally.

V-Position – Move the image vertically.

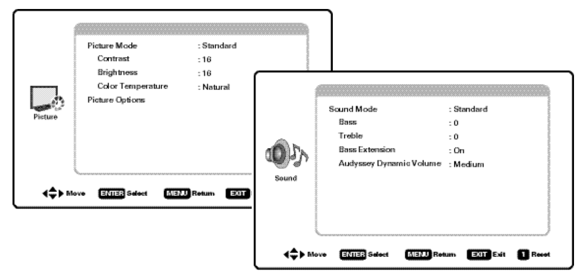
Power Saving – Enable the HDTV to turn to Standby Mode when computer is not in use.



PC Picture and Sound

Standard – Sets predetermined values to the Picture or Sound parameters.

Custom – Adjust *Contrast, Brightness,* and *Color Temperature* screen settings, and the *Bass* and *Treble* audio settings.



NOTE: These settings do not affect normal TV viewing.

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WARRANTY APPLICATION

FOR ONE YEAR from the date of original retail purchase Sanyo Manufacturing Corporation (SMC) warrants this TV to be free from manufacturing defects in materials and workmanship under normal use and conditions for parts and labor.

For the **FIRST 90 DAYS** from the date of original retail purchase, Sanyo Manufacturing Corporation will replace any defective TV via exchange at the retailer. **To ensure proper warranty application, keep the original-dated-sales receipt for evidence of purchase. Return the defective TV to the retailer along with the receipt and the included accessories, such as the remote control. The defective TV will be exchanged for the same model, or a replacement model of equal value, if necessary. Replacement model will be contingent on availability and at the sole discretion of Sanyo Manufacturing Corporation.**

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

OBLIGATIONS

For one year from the date of purchase, Sanyo Manufacturing Corporation warrants this product to be free from defects in material and workmanship under normal use and conditions. During the first 90 days under this warranty for any manufacturing defect or malfunction Sanyo Manufacturing Corporation will provide a new TV via exchange at the retailer.

HOW TO MAKE A CLAIM UNDER THIS WARRANTY

Please call 1-800-877-5032. Please be prepared to give us the television's model number and serial number when you call. The model number and serial number are **printed on a label attached to** the back of the unit.

For customer assistance, call toll free 1-800-877-5032.

This warranty expresses specific contractual rights; retail purchasers may have additional statutory rights which vary from state to state.

(EFFECTIVE: March 1, 2007)

Your Sanyo HDTV is registered at the time of purchase, please keep sales receipt for future reference.

For your protection in the event of theft or loss of this product, please fill in the information requested below and KEEP IN A SAFE PLACE FOR YOUR OWN PERSONAL RECORDS.

Model No.____________________________ Date of Purchase ________________________

Serial No.____________________________ Purchase Price __________________________

(Located on back of unit) Where Purchased________________________



Sanyo Manufacturing Corp.
3333 Sanyo Road, Forrest City, AR 72335

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If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms. To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details. You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

PRECAUCIÓN RIESGO DE CHOQUE ELÉCTRICO ¡NO ABRIR!	ESTE SÍMBOLO INDICA QUÉ VOLTAJES PELIGROSOS QUE CONSTITUYEN UN RIESGO DE CHOQUE ELÉCTRICO ESTÁN PRESENTES DENTRO DE ESTA UNIDAD. 
PRECAUCIÓN: PARA REDUCIR EL RIESGO DE CHOQUE ELÉCTRICO, NO QUITE LA CUBIERTA (O LA TAPA TRASERA). NO HAY PARTES ADENTRO QUE LAS PUEDA REPARAR EL USUARIO. REFIÉRASE A PERSONAL CALIFICADO PARA REPARAR EL APARATO.	ESTE SÍMBOLO INDICA QUE HAY INSTRUCCIONES IMPORTANTES DE OPERACIÓN Y MANTENIMIENTO EN LA LITERATURA QUE SE ANEXA A ESTA UNIDAD.

ADVERTENCIA: PARA REDUCIR EL RIESGO DE FUEGO O CHOQUE ELÉCTRICO, NO EXPONGA ESTE APARATO A LLUVIA O HUMEDAD.

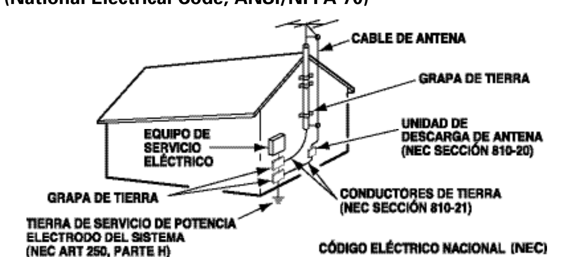
IMPORTANTES MEDIDAS DE SEGURIDAD

1. Lea estas instrucciones.
2. Guarde estas instrucciones.
3. Preste atención a los avisos.
4. Siga todas las instrucciones.
5. No use este aparato cerca del agua.
6. Limpie sólo con un trapo seco.
7. No obstruya las aperturas para ventilación. Instale de acuerdo a las instrucciones del fabricante.
8. No se instale cerca de ninguna fuente de calor como radiadores, registros de calor, estufas, u otros aparatos (incluyendo amplificadores) que produzcan calor.
9. Por seguridad, no elimine la conexión de tierra de la clavija. Una clavija polarizada tiene una hoja más ancha que la otra. Una clavija de tipo conexión a tierra, tiene dos hojas y un tercer conector mas prolongado. La hoja ancha o el conector prolongado están provistas para su seguridad. Si la clavija proveída no asienta correctamente en el contacto eléctrico, consulte a un electricista para que esa toma de ac obsoleta sea remplazada.
10. Proteja el cordón de potencia de que sea pisado o perforado, particularmente en las hojas y del punto donde éste sale del aparato.
11. Sólo use anexos o accesorios especificados por el fabricante.
12. Use únicamente con el carro, estante, tripie, soporte o mesa especificada por el fabricante, o vendida con el aparato. Cuando se use un carro, tenga precaución cuando mueva la combinación de carro/aparato para evitar lesiones en caso de que se caiga.



13. Desconecte este aparato en caso de tormenta eléctrica o cuando no se use por un periodo de tiempo prolongado.
14. Refiera todas las reparaciones a personal de servicio calificado. Se requiere de servicio cuando el aparato se ha dañado de cualquier forma, como si el cordón de potencia se dañara de alguna forma, se ha derramado líquido sobre el aparato o algún objeto le ha caído encima, el aparato se ha expuesto a la lluvia o humedad, que no opere normalmente o que se haya caído.
15. Si una antena externa se ha conectado al televisor, asegúrese que el sistema de tierra de la antena esté de forma que provea alguna protección contra fugas de voltaje o cargas electrostáticas. En la sección 810-21 del código eléctrico nacional de los Estados Unidos se menciona información con respecto a la manera adecuada de instalar el sistema de tierra al mástil principal, aterrizaje del cableado para la unidad de descarga de la antena, tamaño de los conductores de tierra, localización de la unidad de descarga de la antena, conexión a los electrodos de tierra, y requerimientos de los electrodos de tierra.
16. Un sistema de antena externo no debe instalarse cerca de líneas de electricidad o circuitos de potencia o alumbrado, o donde puedan caer sobre líneas de energía eléctrica o circuitos cuyo contacto con ellos puede ser fatal.

EJEMPLO DE ATERRIZAMIENTO DE ANTENA DE ACUERDO AL CÓDIGO ELÉCTRICO NACIONAL
(National Electrical Code, ANSI/NFPA 70)



"Nota al instalador del sistema de cable CATV :
Este recordatorio es dado para llamar la atención del instalador del sistema de cable CATV al Artículo 820-40 del NEC que provee guías para el aterrizamiento adecuado y, en particular, especifica que el cable de tierra deberá de estar conectado al sistema de tierra del edificio, tan cercano al punto de entrada del cable como sea práctico."

17. Montaje en pared o techo—Este producto deberá de ser montado en la pared o techo siguiendo las recomendaciones del fabricante.
18. Este aparato no deberá de ser expuesto a ser mojado, y no se deberán de colocar recipientes con líquido encima de él.
19. Si el conector del cable de AC se usa como artículo de desconexión principal, entonces éste deberá de permanecer accesible todo el tiempo.

INFORMACIÓN FCC

Este equipo ha sido probado y se encontró en acuerdo a los límites para un aparato digital Clase B, en acorde a la Parte 15 de las Reglas FCC. Estos límites están diseñados para proveer una protección razonable contra interferencia nociva en una instalación residencial. Este equipo genera, usa y puede irradiar energía de radio frecuencia y si no es instalado o usado de acuerdo a las instrucciones, puede llegar a causar interferencia nociva a radio comunicaciones. Sin embargo, no es completamente seguro que no ocurrirá interferencia alguna en una instalación en particular. Si este equipo llega a causar interferencia nociva a la recepción de radio o televisión, la cual puede ser determinada por medio de apagar y encender el equipo, se recomienda al usuario intentar corregir la interferencia mediante una o varias de las siguientes medidas:

- **Reorientar o mover la antena de recepción.**
- **Aumentar la separación entre el equipo y el receptor.**
- **Conectar el equipo a un enchufe en un circuito diferente al cual esté conectado el receptor.**
- **Consultar al vendedor o a un técnico de radio y televisión con experiencia para más ayuda.**

PRECAUCIÓN: Regulaciones de la FCC advierten que modificaciones inadecuadas o cambios no autorizados a esta unidad pueden anular la autorización del usuario para operar la unidad.

MARCAS REGISTRADAS



Manufacturado bajo licencia de Dolby Laboratories. "Dolby" y el signo de doble-D son marcas registradas de Laboratorios Dolby.



HDMI, el logo HDMI y "High-Definition Multimedia Interface" son marcas registradas de HDMI Licensing LLC en los Estados Unidos y otros países.



Como un Asociado de ENERGY STAR®, Sanyo Manufacturing Corporation, ha determinado que este producto cumple con los lineamientos en eficiencia energética de ENERGY STAR®.



Manufacturado bajo licencia de Audyssey Laboratories. Patentes de E.U.A. y foráneas pendientes. Audyssey Dynamic Volume® es una marca registrada de Audyssey Laboratories.



Adobe®, Adobe Flash®, y Flash Lite® son marcas registradas o marcas de Adobe Systems Incorporated en los Estados Unidos y/o otros países.

RESOLUCIONES DE PC

RESOLUCIÓN	RELACIÓN DE ASPECTO	FRECUENCIA DE BARRIDO	FRECUENCIA HORIZONTAL	FRECUENCIA VERTICAL
640 x 480	4 : 3	60 Hz	31.47 kHz	59.94 Hz
		72 Hz	37.86 kHz	72.81 Hz
		75 Hz	37.50 kHz	75.00 Hz
		85 Hz	43.27 kHz	85.01 Hz
720 x 400	16 : 10	70 Hz	31.47 kHz	70.00 Hz
800 x 600	4 : 3	56 Hz	35.16 kHz	56.25 Hz
		60 Hz	37.88 kHz	60.32 Hz
		72 Hz	48.08 kHz	72.19 Hz
		75 Hz	46.88 kHz	75.00 Hz
		85 Hz	53.67 kHz	85.06 Hz
1024 x 768	4 : 3	60 Hz	48.36 kHz	60.00 Hz
		70 Hz	56.48 kHz	70.07 Hz
		75 Hz	60.02 kHz	75.02 Hz
		85 Hz	68.68 kHz	85.00 Hz
1152 x 864	4 : 3	75 Hz	67.50 kHz	75.00 Hz
1280 x 768	5 : 3	60 Hz	47.40 kHz	60.00 Hz
		60 Hz	47.78 kHz	59.87 Hz
		75 Hz	60.29 kHz	74.89 Hz
		85 Hz	68.63 kHz	84.84 Hz
1280 x 960	4 : 3	60 Hz	60.00 kHz	60.00 Hz
		85 Hz	85.94 kHz	85.00 Hz
1280 x 1024	5 : 4	60 Hz	63.98 kHz	60.02 Hz
		75 Hz	79.98 kHz	75.02 Hz
		85 Hz	91.15 kHz	85.02 Hz
1360 x 768	16 : 9	60 Hz	47.71 kHz	60.00 Hz
1440 x 900	16 : 10	60 Hz	55.93 kHz	59.89 Hz
		60 Hz	55.47 kHz	59.90 Hz
1920 x 1080	16 : 9	60 Hz	67.50 kHz	60.00 Hz

ESPECIFICACIONES

Requerimiento de Potencia: AC 120V, 60Hz

Consumo de Potencia:		**Peso:**
DP42861	132 watts	15 kg.
DP46861	150 watts	18 kg.

Dimensiones:

MODELO	ANCHO	ALTO	PROFUNDO
DP42861	101,8	67,1	23,5
sin base		61,9	10,2
DP46861	111,5	74,6	27,0
sin base		67,6	11,6

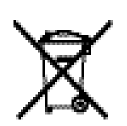
NOTA: Las dimensiones están en centímetros.

CONTENIDO

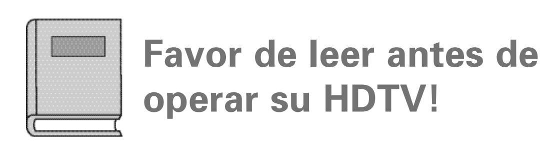
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CONTIENE LÁMPARAS DE MERCURIO, DESECHAR DE MANERA APROPIADA



RECICLAJE DE TELEVISORES SANYO:
Clientes de SANYO televisores deben contactar a MRM Recycling al 888-769-0149 o visitar su sitio web en www.mrmrecycling.com respecto al plan de SANYO sobre manejo de desperdicios.



PROTEGER LA PANTALLA LCD

PRECAUCIÓN: La pantalla podría dañarse si no se le da un mantenimiento adecuado.

- NO use objetos duros como trapos gruesos o papel para limpiar la pantalla.
- NO utilice presión excesiva cuando se limpie la pantalla de LCD; esto podría causar decoloración permanente o puntos negros en la misma.
- **NUNCA** aplique líquidos en aerosol a la pantalla.
- Se recomienda el uso de una microfibra húmeda.



PRECAUCIONES DE MANEJO

- Manéjese sólo por el gabinete.
- Se recomienda manejar el televisor por dos o más personas.
- Nunca toque la pantalla cuando esté manejando la HDTV.
- Daño por manejo no está cubierto por la garantía.
- No remueva la cinta protectora que cubre el gabinete mientras maneje la HDTV.

COLOCANDO LA HDTV

- Siempre utilice una superficie firme y plana al colocar su HDTV.
- No se coloque la HDTV en áreas confinadas.
- Mantenga suficiente espacio alrededor de la HDTV para una buena ventilación.
- No coloque la HDTV donde sea fácilmente accessible a niños pequeños y pueda presentar un riesgo de accidente.
- Ya posicionada la HDTV, remueva la cinta protectora que cubre el gabinete.

  NOTE: La botonera en la esquina inferior derecha será más accesible al quitar la cinta.

"La Academia Americana de Pediatras no recomienda permitir a niños menores de 2 años ver televisión"

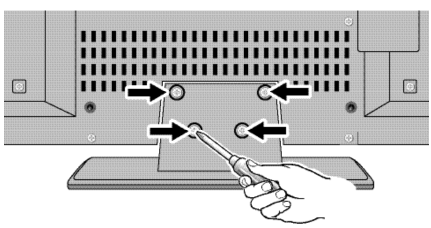
PONER LA BASE

NOTA: Saltar estos pasos si montará su TV a la pared.

1 Coloque la HDTV con la pantalla hacia abajo sobre una superficie plana y acolchonada para proteger la pantalla y el acabado de la HDTV.

2 Inserte con cuidado la base a la parte inferior de la HDTV, y asegurela colocando los 4 tornillos como se muestra en la figura de arriba.

NOTE: Estos tornillos los encontrará dentro del paquete de literatura.



3 Coloque el televisor sobre una superficie firme y plana con suficiente espacio para una ventilación adecuada.

MONTAJE EN PARED (OPCIONAL)



Una persona con experiencia debe realizar el montaje en pared.

Si requiere quitar la base:

1 Coloque la HDTV con la pantalla hacia abajo sobre una superficie plana y acolchonada para proteger la pantalla y el acabado de la HDTV.

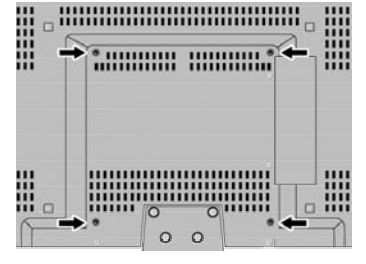
2 Quite los cuatro (4) tornillos del pedestal de soporte. **PRECAUCIÓN:** Sujete firmemente la base al quitar el último tornillo.

Para asegurar la HDTV a un kit de montaje en pared, utilice los tornillos que usaría para ensamblar la base. (Kit no incluído)

Interfase estándar VESA: 400 x 400

Medida de los tornillos:
Diámetro M6, Longitud – 12mm (máximo)

Orificios para montaje



PARA COMENZAR

1 INSTALACIÓN DE BATERÍAS

Instale las baterías al control remoto.
(2 "AAA", no incluídas)



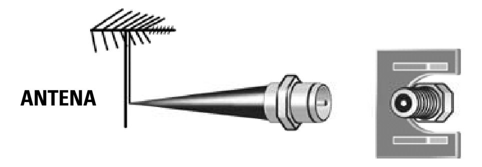
Para una operación segura, favor de observar las siguientes precauciones:

- Reemplace ambas baterías al mismo tiempo. No utilice una batería nueva con una usada.
- Existe riesgo de explosión si las baterías son remplazadas con unas de tipo incorrecto.
- No exponga el Control Remoto a calor o humedad.
- Asegúrese que las marcas **"+"** y **"–"** de las baterías correspondan con las del control remoto.
- Deshágase apropiadamente de baterías gastadas.

2 CONEXIÓN DE ANTENA PARA SEÑALES DE AIRE O CABLE

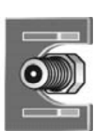
Conecte su antena o servicio de cable a la entrada ANT de su HDTV utilizando un cable coaxial (75 OHM).

NOTA: Mantenga su antena para interiores al menos a un (1) metro de distancia tanto de su HDTV como de cualquier otro aparato electrónico.



ENTRADA DE ANTENA ANÁLOGA / DIGITAL





Esta HDTV puede sintonizar:

- Señales aéreas digitales y análogas de una antena.
- Canales de Cable análogos o sin codificar de una conexión directa de TV por Cable.

OPERACIÓN DEL CONTROL REMOTO

Prende o apaga su HDTV.

Mostrar en pantalla el menú de ayuda.

Elegir entre las relaciones de aspecto disponibles. Las diferentes configuraciones estiran, agrandan o llenan la imagen en la pantalla. Pueden aparecer en pantalla barras en la parte superior e inferior, o lado izquierdo y derecho, dependiendo en la señal o programa transmitido. (Ver pág. 32)

Permite la selección directa de canales y subcanales digitales. Por ejemplo: para seleccionar el canal 39.1, presione las teclas **3**, **9**, seguidas del guión **–**, y **1**.

Aumentar o disminuir el nivel del volumen.

Cancelar o restaurar el audio.

Mostrar el menú en pantalla.

Mover el cursor en pantalla en la dirección deseada, presioe ENTER para ejecutar la opción seleccionada.

Desplegar el banner de información de canal.

Operar funciones de reproducción de video de una memoria USB o de una aplicación de internet.

Acceso directo a NETFLIX.
(Se requiere acceso a internet).

Elegir la entrada de video deseada.

Presione dos veces seguidas para restaurar la TV a configuraciones de fábrica. Se borrarán las modificaciones del usuario.

Elegir entre los diferentes modos de subtítulos digitales.

Elegir canales directamente.

Para canales mayores al 99, mantenga presionado el primer número, suéltelo y presione los dos números restantes.

Cambiar entre el canal actual y el último canal o entrada accesada.

Navegar los canales en la base de datos de la memoria.

Utilice el menu QUIK para accesar los modos de Imagen y Sonido directamente o las funciones de AUDIO (éstereo, mono, SAP) y Dormir (apagado con tiempo).

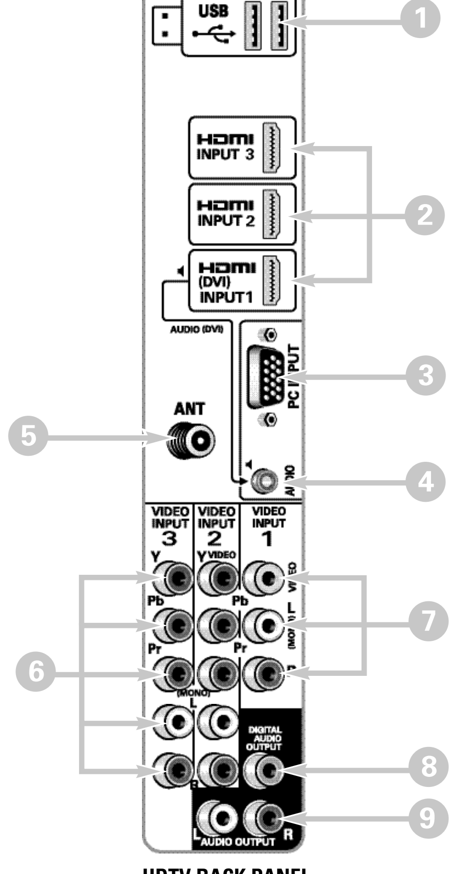
Abre la pantalla de Sanyo NET Apps.

Salir del menú en pantalla.

Acceso directo a VUDU.
(Se requiere acceso a internet).

POWER INPUT HELP PIX SIZE RESET CAPTION 1 2 3 4 5 6 7 8 9 SUB CH RECALL 0 VOL CH MUTE NET MENU QUIK menu ENTER INFO EXIT PLAY / PAUSE REW FF STOP R G Y B SANYO GXGA

REFERENCIA DE ENTRADAS Y SALIDAS



HDTV BACK PANEL

1 **Entrada USB**
Despliegue fotos en la pantalla desde su memoria USB o conéctese a su red de internet con el adaptador inalámbrico.
NOTA: Refiérase a la Guía de Internet para los métodos adecuados de conectividad.

2 **Entradas HDMI (INPUT1, INPUT2 ó INPUT3)**
Interfase completamente digital que acepta señales de video sin compresión hasta de 1080p paraobtener la mejor calidad de imagen posible.
NOTA: Una conexión DVI es posible por medio de la entrada HDMI (DVI) INPUT1 utilizando un adaptador apropiado y conectando el audio al conector estéreo mini.

3 **Entrada para PC**
Monitor RGB (D-SUB)

4 **Entrada de estéreo mini (AUDIO)**
Para señal de audio de PC o aparato DVI.

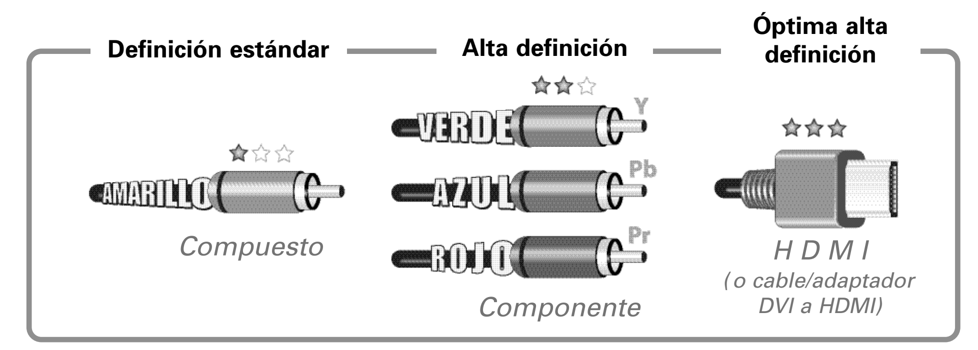
5 **Entrada de antena análoga / digital**

6 **Entrada de video Componente (VIDEO2 ó VIDEO3)**
Entradas verde (Y), azul (Pb) y roja (Pr) de video; además de las entradas de audio roja y blanca.
NOTA: Una conexión Compuesta es posible por medio de VIDEO INPUT2 usando la entrada Y (VIDEO) y las de Audio L/R. (Ver Configuración de Video2 en la pág. 30).

7 **Entrada de Video Compuesto (VIDEO1)**
Entrada amarilla (video) y entradas roja y blanca (audio).

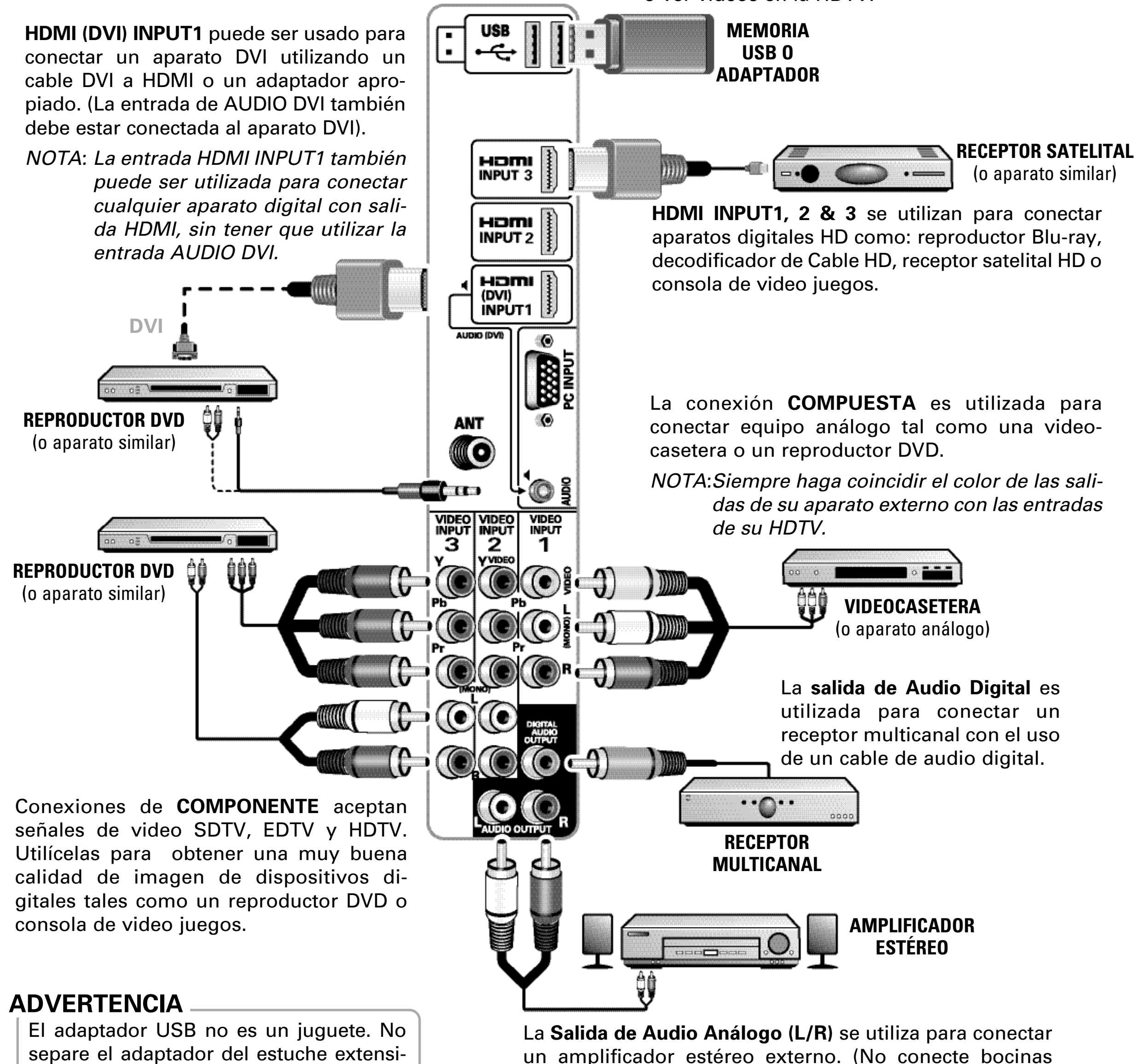
8 **Salida de Audio Digital (Coaxial)**

9 **Salida de Audio Análogo (L/R)**



NOTA: Conexiones de video Compuesto, Componente y DVI necesitan sus conexiones de audio correspondientes. Imagen en Alta Definición es posible de señales y equipo HD.

3 CONEXIONES DE AUDIO Y VIDEO



NOTA: Cables de Audio y Video no vienen incluídos.

Utilice las entradas **USB** para conectar una memoria USB para desplegar imágenes JPEG o ver videos en la HDTV.

HDMI (DVI) INPUT1 puede ser usado para conectar un aparato DVI utilizando un cable DVI a HDMI o un adaptador apropiado. (La entrada de AUDIO DVI también debe estar conectada al aparato DVI).

NOTA: La entrada HDMI INPUT1 también puede ser utilizada para conectar cualquier aparato digital con salida HDMI, sin tener que utilizar la entrada AUDIO DVI.

HDMI INPUT1, 2 & 3 se utilizan para conectar aparatos digitales HD como: reproductor Blu-ray, decodificador de Cable HD, receptor satelital HD o consola de video juegos.

La conexión **COMPUESTA** es utilizada para conectar equipo análogo tal como una videocasetera o un reproductor DVD.

NOTA: Siempre haga coincidir el color de las salidas de su aparato externo con las entradas de su HDTV.

La **salida de Audio Digital** es utilizada para conectar un receptor multicanal con el uso de un cable de audio digital.

Conexiones de **COMPONENTE** aceptan señales de video SDTV, EDTV y HDTV. Utilícelas para obtener una muy buena calidad de imagen de dispositivos digitales tales como un reproductor DVD o consola de video juegos.

La **Salida de Audio Análogo (L/R)** se utiliza para conectar un amplificador estéreo externo. (No conecte bocinas externas directamente a la HDTV)

ADVERTENCIA

El adaptador USB no es un juguete. No separe el adaptador del estuche extensible. Existe riesgo de asfixia si las partes pequeñas son ingeridas. Mantenga fuera del alcance de niños.

 BÚSQUEDA DE CANALES INICIAL

Antes de continuar, asegúrese de conectar correctamente su antena o conexión de TV por cable y todos los dispositivos a su HDTV.

1. CONECTE EL CABLE DE CORRIENTE
120V AC, 60Hz

2. ENCIENDA LA TV
Siga instrucciones en pantalla para configurar el Modo de Ahorro de Energía inicial y realizar la Búsqueda Inicial de Canales/Señales.

3. ELEGIR DÓNDE SE USARÁ LA HDTV
Seleccione "Home Mode" para establecer el nivel de brillo de las lámparas a un nivel Energy Star, o seleccione "Store Mode" para establecer el brillo de las lámparas a uno adecuado para mostrador de exhibición.

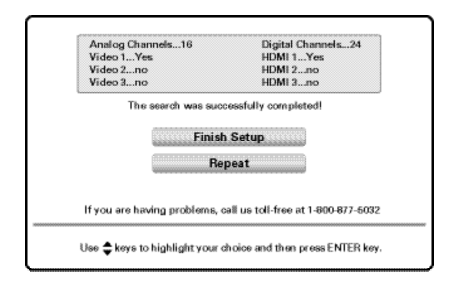
Presione **ENTER** en la opción deseada para continuar.

4. BÚSQUEDA DE CANALES Y SEÑALES:
Elija la opción de Signal Search y presione ENTER para realizar una búsqueda de canales de una Antena o una conexión directa de Cable, y una búsqueda de señales de dispositivos conectados a las entradas de la HDTV.

5. PANTALLA DE LISTADO DE CANALES Y SEÑALES
La última pantalla de configuración despliega el número de canales análogos y digitales encontrados, así como entradas de video detectadas.

Seleccione *Finish Setup* y presione **ENTER**.

NOTA: *Para repetir el proceso puede seleccionar la opción de Repeat.*



5 SELECCIÓN DE ENTRADA AV

Presione la tecla **INPUT** para elegir la entrada de video correcta que desee.

NOTA: *Las entradas de Video no utilizadas pueden ser deshabilitadas en el menú de Entradas.*

USO DEL MENÚ EN PANTALLA

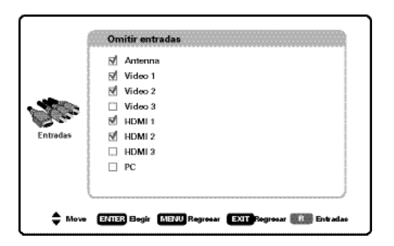
ENTRADAS

Despliegue el menú en pantalla. Use las teclas **CURSOR ▲▼** para seleccionar *Entradas.* Presione **ENTER**.

Entradas le permite elegir cualquier entrada directamente y quitar del ciclo de entradas (INPUT) aquellas que no se estén utilizando.

Use el **CURSOR ▲▼** para elegir una entrada y presione **ENTER**.

Para administrar la disponibilidad de entradas presione la tecla **1** y utilice el menú en pantalla. Use el **CURSOR ▲▼** para elegir una entrada. Presione **ENTER** para habilitar (marcar) o deshabilitar (desmarcar) la entrada seleccionada.



CONFIGURACIÓN

Despliegue el menú en pantalla. Use las teclas **CURSOR ▲▼** para seleccionar *Configuración.* Presione **ENTER**.

Lenguaje del Menú

Elija entre el idioma inglés, español o francés para desplegar el menú en pantalla.

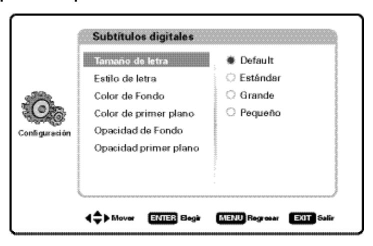
Presione **ENTER** en el idioma deseado.

Subtítulos Digitales

Los Subtítulos (Captions) son información de texto oculta, transmitida junto con la imagen y sonido. El activar la función (al presionar la tecla **CAPTION** al ver televisión), la HDTV abre e interpreta esta información (digital o análoga) y sobreimpone los textos en pantalla.

NOTA: *Las transmisoras locales deciden que información transmitir.*

Use el **CURSOR ▲▼** y **◀ ▶** para modificar la letra, el fondo y el primer plano de los subtítulos DIGITALES.



CONFIGURACIÓN (CONT.)

V-Chip (Control paternal)

Utilice esta función para bloquear automáticamente programación con contenido que crea inapropiado para ser visto por sus hijos.

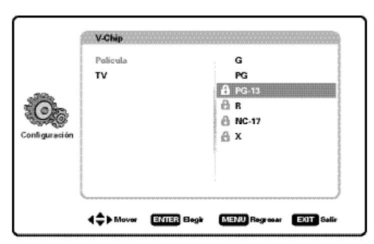
NOTA: Esta función está diseñada para cumplir con regulaciones de la FCC para V-Chip en los Estados Unidos de América. Esta función pudiera no activarse con señales que originen de otros países.

AJUSTES A CONFIGURACIÓN V-CHIP

Elija *Encendido* y presione **ENTER**. Elija *Ajustar* y presione **ENTER**.

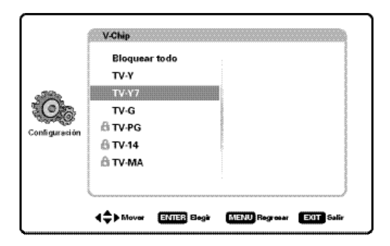
NOTA: Bloquear una clasificación bloqueará todas las clasificaciones más altas. Desbloquear una clasificación, desbloqueará todas las más bajas.

Para clasificaciones V-Chip (Cine) elija *Cine* y presione **ENTER**, luego seleccione el límite MPAA deseado.



Para clasificaciones V-Chip (TV) elija *TV* y presione **ENTER**. Use las teclas de **CURSOR ▲▼** para elegir una clasificación y presione **ENTER**. Use el **CURSOR ▲▼** para establecer la clasificación como *Bloqueada* o *Visible*. Ya configuradas las clasificaciones, presione la tecla **EXIT** para salir del menú.

NOTA: Algunas clasificaciones de TV tienen más configuraciones como Diálogo, Lenguaje, Sexual y Violencia.



SISTEMA AVANZADO V-CHIP (RRT5)

RRT5 (V-chip Regional Ratings 5) es un sistema avanzado de clasificación para canales digitales por aire. Cuando la HDTV detecta datos RRT5 compatibles, se descargan y almacenan en memoria, entonces la pantalla de configuración V-Chip es modificada para mostrar la opción de *Ajustar (Avanzado)*.

Utilice las teclas **CURSOR ▲▼** y **◀ ▶** para seleccionar las diferentes opciones. Use **ENTER** para bloquear o desbloquear la clasificación seleccionada.

*NOTA: Cuando aparezcan barras verticales, presione las teclas **CURSOR ▲▼** para accesar clasificaciones adicionales.*

MÁS INFORMACIÓN

Puede consultar información adicional sobre las clasificaciones V-Chip y MPAA en las páginas: www.v-chip.org y www.mpaa.org

Reloj Temporizador

Esta función permite establecer la Hora Actual en su HDTV y habilitar una Hora de Encendido para que el televisor se prenda a determinada hora.

Cuando la *Función de encendido* se habilita, la TV automáticamente se encenderá a la hora establecida.

Apagado por inactividad

Cuando la función de *Apagado por inactividad* se encuentra encendida, permite que la HDTV se apague automáticamente cuando no detecte señal de video y/o audio.

NOTAS: Por configuración de fábrica, la función está activada. La TV automáticamente se apagará si no detecta señales en un lapso de 15 minutos.

Utilice el **CURSOR ▲▼** para elegir *Encendido* o *Apagado* y presione **ENTER**.

Red Inalámbrica

Use la opción de Red para configurar la conectividad de su HDTV a su red local (LAN) y disfrutar de contenido en línea directamente en su TV.

Una subscripción a Internet y un adaptador inalámbrico USB Sanyo son necesarios.

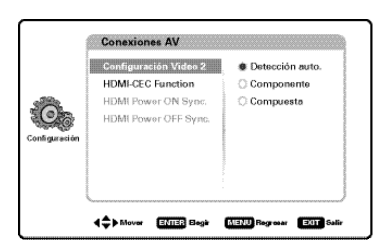
Refiérase a la Guía del Televisor con Conectividad a Internet para más información (ver bolsa de accesorios).

Conexiones AV

Configuración de Video 2 - Utilice esta función para establecer una conexión ya sea Componente o Compuesta a la entrada de VIDEO INPUT 2 en su HDTV.

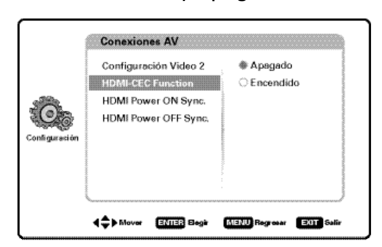
Use el **CURSOR ▲▼** para seleccionar el tipo de conexión que será usada en la entrada Video2.

Presione **ENTER**, aparecerá una marca azul junto a la opción seleccionada.



HDMI CEC - Utilice la *Función HDMI-CEC* para habilitar y deshabilitar funciones CEC disponibles.

Encendido Sinc. HDMI y *Apagado Sinc. HDMI* habilitan funciones específicas como el proceso automático de encendido y apagado.



Modo (Hogar/Tienda)

Utilice la opción de Modo (Hogar/Tienda) si desea cambiar el Modo de Ahorro de Energía inicial seleccionado al prender la TV por primera vez.

Modo Hogar - Configurado para el ahorro de energía y reducción de consumo.

Modo Tienda - Configurado para un alto brillo y contraste para exhibición en aparador de tienda.

NOTA: Sólo el Modo Hogar califica para Energy Star.

Presione **ENTER** en el modo deseado.

CANAL

Despliegue el menú en pantalla. Utilice las teclas **CURSOR ▲▼** para seleccionar *Canal.* Presione **ENTER**.

Búsqueda de canales

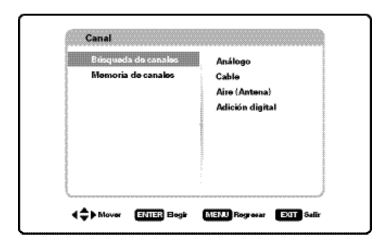
Auto – Busca en el modo detectado, Cable o Aire.

Cable – Busca canales análogos y canales digitales de Cable no codificados.

Aire (Antena) – Busca canales análogos y digitales de transmisión aérea.

Adición digital – Busca canales digitales, y agrega canales recientes a la base de datos.

NOTA: La función de Adición Digital no es disponible si el modo de TV es Cable.



INFO. IMPORTANTE: Esta HDTV mantiene una sola base de datos para canales digitales. Por lo tanto cuando busque canales de Cable, la base de datos de canales digitales será borrada. Usted sólo podrá recibir aquellos canales ClearQAM (decodificados) provistos por su compañía de cable.

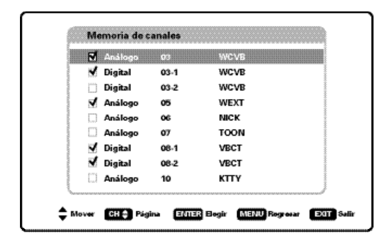
Memoria de Canales

Esta función enlista todos los canales encontrados, análogos y digitales. También muestra canales Análogos que no se hallaron y pueden ser agregados.

Use el **CURSOR ▲▼** para mover la barra de selección por todos los canales habilitados y deshabilitados.

NOTA: Puede usar las telcas **CH ▲▼** *para cambiar de página.*

Presione **ENTER** para habilitar o deshabilitar un canal.



NOTA: Para información sobre canales digitales locales, visite www.antennaweb.org

IMAGEN

Despliegue el menú en pantalla. Utilice las teclas **CURSOR ▲▼** para seleccionar *Imagen.* Presione **ENTER**.

Puede elegir un modo de imagen entre *Estándar*, *Vívido*, *Cine* y *Estadio*, los cuales tienen parámetros con valores predeterminados, o elija *Personalizado* para configurar los valores a su gusto.

NOTA: Cada entrada de AV puede tener su propio modo de imagen (predeterminado o personalizado).

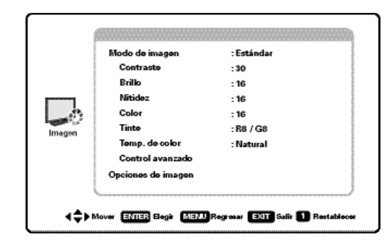
CONFIGURACIÓN PERSONAL DE IMAGEN

Parámetros de ajuste *Personalizado*:

- *Color*
- *Tinte*
- *Contraste*
- *Brillo*
- *Nitidez*
- *Temp. de color*

La opción de *Control Avanzado* permite el ajuste de parámetros adicionales tales como:

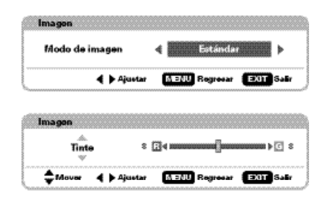
- *Balanceo de señal*
- *Reducción de ruido*
- *Balance de blanco*
- *Contraste Dinámico*



AJUSTES A LOS PARÁMETROS DE IMAGEN

Utilice las teclas de **CURSOR ▲▼** para seleccionar el parámetro que desea ajustar. Presione la tecla **ENTER** para accesar la pantalla de ajustes. Modifique los valores del parámetro utilizando las teclas de **CURSOR ◀ ▶**.

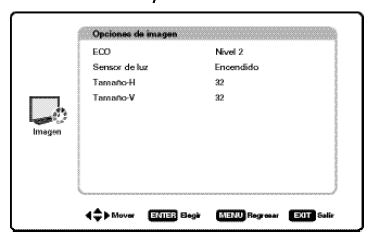
NOTA: Las teclas de **CURSOR ▲▼** *seleccionan al siguiente o previo parámetro sin regresar a la pantalla anterior.*



Una vez terminados los ajustes, presione la tecla **EXIT** para salir del menú.

OPCIONES DE IMAGEN:

Seleccione Opciones de Imagen para accesar funciones de reducción de consumo de energía tales como ECO y Sensor de luz, al igual que parámetros de estiramiento horizontal y vertical.



ECO (AHORRO DE ENERGÍA)

Control del brillo de las lámparas del panel para reducir el consumo de energía.

- Nivel 1: Ahorrador de Energía apagado.
- Nivel 2: Bajo consumo de energía.
- Nivel 3: Consumo de energía aún más bajo.

Presione **ENTER** en el nivel deseado.

NOTA: La tecla ECO también puede ser utilizada para modificar los valores sin entrar al menú.

SENSOR DE LUZ

Esta función detecta la intensidad de luz ambiental del cuarto y controla los parámetros de brillo e imagen para reducir el consumo de energía de la TV.

NOTA: Cuando la habitación esté oscura, el brillo del panel y/o los parámetros de imagen tales como brillo y contraste son reducidos. Cuando la habitación es más iluminada, los parámetros se afectan de manera contraria.

TAMAÑO-H & TAMAÑO-V

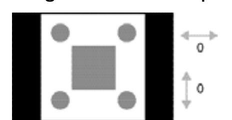
La función de Tamaño-H ajusta la dimensión horizontal de la pantalla, mientras la función Tamaño-V ajusta la dimensión vertical.

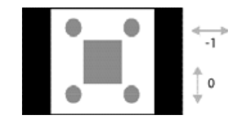
Una vez completados los ajustes, presione la tecla **EXIT** para regresar al modo normal de TV.

ENTENDIENDO PIX-SHAPE

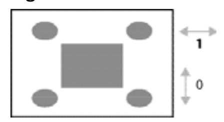
NOTA: Imágenes del lado izquierdo son de transmisión 4:3, las del lado derecho de transmisión 16:9

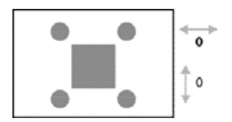
Pix1 Despliega una imagen 4:3 de definición estándar en su formato original, una imagen de 16:9 es ligeramente comprimida horizontalmente.



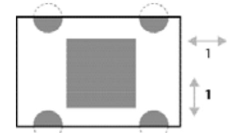


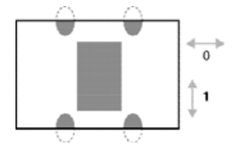
Pix2 Despliega la imagen en toda la pantalla. Una imagen formato 4:3 es estirada horizontalmente.



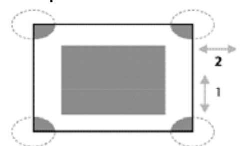


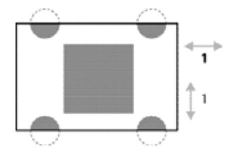
Pix3 La imagen es estirada verticalmente en comparación con Pix2.





Pix4 La imagen es estirada horizontalmente en comparación con Pix3.





Pix5 Similar a Pix2, la imagen es estirada horizontalmente en una proporción linear dejando el centro de la pantalla menos estirado que los lados.

Pix6 Similar a Pix1 sin *Overscan**.

Pix7 Similar a Pix2 sin *Overscan**.

* *Overscan* permite que la imagen ligeramente exceda las limitaciones de las orillas.

NOTA: Pix6 y Pix7 no son óptimas para contenido en Definición Estándar (puede aparecer una línea blanca en la orilla de la pantalla). Pix6 y Pix7 se recomienda sólo para una señal de PC por medio de HDMI.

Pix-Auto **(AFD) Descripción del Formato Activo.** Datos enviados junto con el video incluyen información del formato de imagen, lo cual permite a la TV ajustar el Pix-Shape automáticamente.

NOTA: Este modo de Pix-Shape sólo está disponible para señales digitales por aire.

USO DEL MENÚ EN PANTALLA

SONIDO

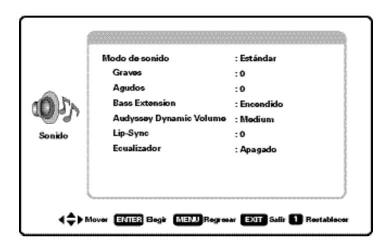
Despliegue el menú en pantalla. Utilice las teclas **CURSOR ▲▼** para seleccionar *Sonido.* Presione **ENTER**.

Puede elegir un modo de imagen entre *Estándar*, *Dinámico*, *Cine* y *Voz clara*, los cuales tienen parámetros con valores predeterminados, o elija *Personalizado* para configurar los valores a su gusto.

CONFIGURACIÓN PERSONAL DE SONIDO

La opción de *Personalizado* incluye varios parámetros que pueden ser ajustados personalmente:

- *Graves y Agudos*
- *Bass Extension*
- *Audyssey Dynamic Volume*[1]
- *Ecualizador*
- *Lip-Sync* (Ajuste al retraso de audio)



AJUSTES A LOS PARÁMETROS DE SONIDO

Utilice las teclas de **CURSOR ▲▼** para seleccionar el parámetro que desea ajustar. Presione la tecla **ENTER** para accesar la pantalla de ajustes. Modifique los valores del parámetro utilizando las teclas de **CURSOR ◀ ▶**.

NOTA: Las teclas de **CURSOR ▲▼** *seleccionan al siguiente o previo parámetro sin regresar a la pantalla anterior.*



Una vez terminados los ajustes, presione la tecla **EXIT** para salir del menú.

AUDYSSEY
DYNAMIC VOLUME

[1] Audyssey Dynamic Volume soluciona el problema de diferencias marcadas en el volumen entre programas de TV, anuncios y entre las secciones de alto y bajo volumen de una película. Audyssey Dynamic EQ está integrado a Dynamic Volume para que al ajustarse el volumen automáticamente, la percepción del bajo, balance, impresión de sonido envolvente y claridad de diálogo permanezca igual.

CONEXIONES Y CONFIGURACION DE PC

Utilice su HDTV como monitor de computadora, conectando su televisor a su PC oLaptop por medio de un cable de monitor apropiado.



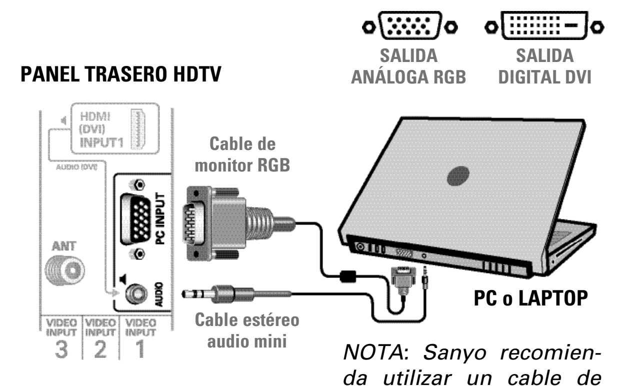
Antes de conectar algún cable, desenchufe de la toma AC los cables de corriente tanto de la HDTV como de la PC.



Encienda la HDTV y cualquier otro equipo externo antes de encender la computadora.

Para evitar una condición "Fuera de Rango", establezca la resolución de video de su PC a una resolución compatible con la HDTV. Ver pág. 22.

NOTA: *Si la PC sólo cuenta con salida DVI, un adaptador DVI a RGB será requerido, o un cable DVI a HDMI y unos cables RCA de audio (ver entrada HDMI (DVI) INPUT1 en pág 26).*



NOTA: *Sanyo recomienda utilizar un cable de monitor con ferrita.*

Pantalla Laptop

Si utiliza su HDTV Sanyo para desplegar las imágenes en pantalla de una laptop, el mantener presionada la tecla Fn (o FN) mientras pesiona la tecla de función (F5, F7, F8, etc.) apropiada deberá ciclar los modos de despliegue entre la laptop y la HDTV.

Los modos pueden incluir el desplegar la imagen sólo en la laptop, tanto en la laptop como la HDTV, o desplegar sólo en la HDTV.

Sostenga  y presione 

NOTA: *Los símbolos de las teclas Fn y de función en el teclado de la laptop pueden variar entre una marca y otra.*

Configuración de PC

Auto Ajuste – Ajuste automático de posición de la imagen, dot clock y fase.

Dot Clock – Ajusta la Frecuencia de Barrido para igualarla a la de su PC.

Fase – Ajuste la Fase cuando la imagen aparenta vibrar o estar borrosa.

Posición-H – Mueva la imagen horizontalmente.

Posición-V – Mueva la imagen verticalmente.

Ahorro de energía – Habilita a la HDTV entrar en modo de espera mientras la PC no se utilice.

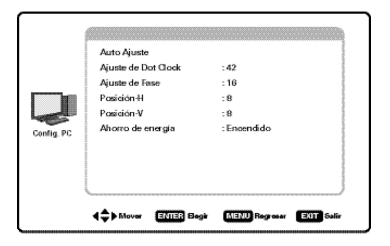
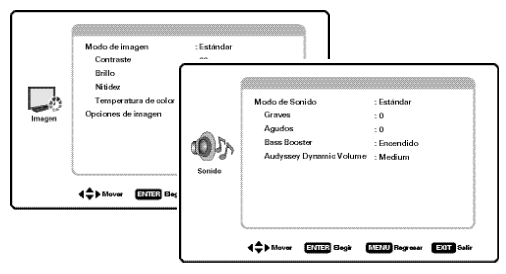


Imagen y Audio PC

Estándar – Aplica valores predeterminados a los parámetros de Imagen y Audio.

Personalizado – Ajuste los parámetros de *Contraste, Brillo* y *Temperatura de color* de la pantalla, y los *Graves y Agudos* del audio.



NOTA: *Estos parámetros no afectan los de TV normal.*

MEDIA APPS

Disfrute ver fotos y archivos de video en su HDTV utilizando una memoria USB conectada a la entrada USB del televisor.





ACCESANDO LAS APLICACIONES MULTIMEDIA

Despliegue el menú en pantalla y use el **CURSOR ▲▼** para seleccionar *Media Apps.* Presione **ENTER**.

NOTA: Cuando se conecta una memoria USB a la TV, la opción de Foto se selecciona automáticamente.

USO DEL REPRODUCTOR DE IMÁGENES

Elija la opción de *Foto* y presione **ENTER**.

Use las teclas **CURSOR ◀ ▶** para seleccionar una imagen disponible en el menú de vista en miniatura.

*NOTE: Si hay fotos en una carpeta en específico, seleccionela y presione **ENTER** para ver las miniaturas.*

Presione **ENTER** sobre una foto en miniatura para mostrar la imagen en toda la pantalla (modo vista completa).

Una vez en *Vista completa*:
Use las teclas **CURSOR ◀ ▶** para cambiar de foto.

Presione **ENTER** para mostrar el menú de opciones.

- *Rotar*
- *Ampliar*
- *Reducir*
- *Mover*
- *Configuración*
- *Explorar fotos*

PRESENTACIÓN DE DIAPOSITIVAS

La presentación de diapositivas muestra las fotos de manera secuencial.

Al presionar la tecla **1**, iniciará la presentación desde la imagen seleccionada.

*NOTA: Use la opción de Configuración de diapositivas (presionando la tecla **3**) para habilitar o deshabilitar el modo de Aleatorio y Cambio rápido.*

MENÚ DEL REPRODUCTOR DE IMÁGENES

Presione **MENU** al estar en vista completa o en presentación de diapositivas para ver el menú en pantalla.

Elija un modo de imagen o configure los ajustes de imagen tal como *Color*, *Tinte*, *Contraste*, *Brillo*, *Nitidez*, *Contraste Dinámico* y *Temperatura de Color*.

NOTA: Ajustes de imagen son configuraciones separadas a las de TV y entradas AV.

USO DEL REPRODUCTOR DE VIDEOS

Eliga la opción de *Película* y presione **ENTER**.

Use las teclas **CURSOR ◀ ▶** para seleccionar un archivo de video disponible en el menú de vista en miniatura.

*NOTE: Si hay videos en una carpeta en específico, seleccionela y presione **ENTER** para ver las miniaturas.*

Presione **ENTER** sobre una vista en miniatura para comenzar la reproducción de video.

CONTROLES DE REPRODUCCIÓN

Una vez seleccionado el archivo de video y comenzar la reproducción, utilice la tecla **ENTER** para poner el video en pausa en cualquier momento, presionando **ENTER** de nuevo continuará la reproducción.

Para adelantar la reproducción presione el **CURSOR ▶** (der.) y para retroceder utilice el **CURSOR ◀** (izq.).

Use la tecla **RECALL** para detener la reproducción y regresar a la pantalla de vista en miniatura.

NOTA: Terminar de reproducir un archivo de video también regresará a la pantalla de vista en miniatura.

NET APPS

Disfrute de contenido en línea (WEB) directamente en su HDTV mediante el uso de una conexión de internet.

Utilice ligas (apps) en pantalla para obtener lo más reciente en noticias, clima, información, deportes, bolsa de valores y servicios de contenido tales como VUDU movies y NETFLIX.

Refiérase a la Guía del Televisor con Conectividad a Internet para más información.



GARANTÍA LIMITADA DE UN AÑO EN PARTES Y MANO DE OBRA

ESTA GARANTÍA LIMITADA DE PARTES Y MANO DE OBRA ES VÁLIDA SÓLO EN TELEVISORES SANYO COMPRADOS Y USADOS EN LOS ESTADOS UNIDOS DE AMÉRICA, CANADÁ Y PUERTO RICO, EXCLUYENDO CUALQUIER OTRO TERRITORIO Y PROTECTORADO DE E.E.U.U. ESTA GARANTÍA LIMITADA APLICA SÓLO A COMPRADORES MINORISTAS Y NO APLICA A PRODUCTOS UTILIZADOS CON FINES COMERCIALES O INDUSTRIALES.

APLICACIÓN DE LA GARANTÍA

POR UN AÑO, desde la fecha de la compra original, Sanyo Manufacturing Corporation (SMC) garantiza esta televisión de estar libre de defectos de manufactura en materiales y mano de obra bajo uso y condiciones normales para partes y trabajo.

Por los **PRIMEROS 90 DÍAS**, desde la fecha de la compra original, Sanyo Manufacturing Corporation remplazará cualquier televisión defectuosa vía el vendedor original. **Para asegurar la apropiada aplicación de la garantía, conserve el recibo original de compra fechado como evidencia de compra. Regrese la TV defectuosa al vendedor junto con su recibo de compra además de todos los accesorios incluídos, como el control remoto. La TV defectuosa será cambiada por una del mismo modelo, o un modelo equivalente o de igual valor, si es necesario. El reemplazo de la TV será en contingencia y disponibilidad y a la exclusiva discreción de Sanyo Manufacturing Corporation.**

ESTA GARANTÍA ES EXCLUYENTE DE Y EN LUGAR DE TODAS LAS OTRAS GARANTÍAS DE COMERCIALIZACIÓN O USO PARA UN PROPÓSITO ESPECÍFICO.

OBLIGACIONES

Por un año, desde la fecha de la compra original, Sanyo Manufacturing Corporation (SMC) garantiza esta televisión de estar libre de defectos de manufactura en materiales y mano de obra bajo condiciones normales de uso. Durante los primeros 90 días bajo esta garantía para cualquier defecto de manufactura o mal funcionamiento Sanyo Manufacturing Corporation proveerá una nueva TV vía intercambio con el vendedor.

CÓMO HACER UN RECLAMO BAJO ESTA GARANTÍA.

Por favor llame al 1-800-877-5032. Por favor esté preparado para darnos el número de modelo de la televisión cuando llame. El número de modelo y el número de serie están **impresos en la etiqueta agregada** en la parte trasera de la unidad.

Para asistencia al consumidor, llame sin costo al 1-800-877-5032

Esta garantía expresa derechos contractuales específicos; minoristas podrán tener derechos estatutarios adicionales que pueden variar de estado a estado.

(EFECTIVO: Marzo 1, 2007)

Su HDTV Sanyo es registrada al momento de la compra, por favor guarde su recibo de compra.

Para su protección en caso de robo o pérdida de este producto, por favor llene la siguiente información requerida y **GUÁRDELA** en un lugar seguro para su registro personal:

No. de Modelo________________________

No. de Serie ________________________
(Localizado en la parte posterior de la TV)

Fecha de compra ________________________

Precio de compra ________________________

Lugar de compra ________________________



Sanyo Manufacturing Corp.
3333 Sanyo Road, Forrest City, AR 72335

For assistance:

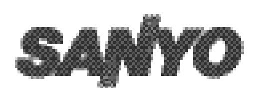
Visit our Web site:

www.sanyoctv.com

or call toll free:

1-800-877-5032

We'll be glad to Help



Sanyo Manufacturing Corp.
3333 Sanyo Road, Forrest City, AR 72335

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